



Grant County Health Department

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Date: May 20, 2014

To: Medical Professionals

From: Jeff Kindrai, MSPH, RS
Director/Health Officer

RE: Mumps in Wisconsin

As you may have heard the State of Wisconsin is experiencing a fairly significant number of confirmed mumps cases. According to the Wisconsin Division of Public Health, there were 41 confirmed cases of mumps as of May 16, 2014. Currently, over half of the cases are associated with universities. At this time, there are no confirmed cases of mumps in Grant County. However, this could change quickly.

Isolation and up to date immunizations are critical in controlling the spread of mumps. Given the current outbreak, Grant County Health Department can now administer the MMR vaccine free of charge to those who need it regardless of insurance status for a limited time (the length availability will be determined by the length of the outbreak). However, we do encourage individuals to seek MMR immunization through their own provider and insurance coverage if possible.

Please be sure to report the following to the Grant County Health Department (24/7 coverage for the reporting of illnesses is always available. Call (608) 723-6416 for instructions):

- Suspect cases of mumps
- Isolation of mumps virus from a clinical sample
- Detections of mumps nucleic acid from a buccal swab
- A four-fold or greater rise in serum mumps IgG antibody titer between acute and convalescent sera
- Positive serologic results for mumps IgM antibodies

If testing, PCR is the preferred diagnostic specimen for mumps, and the recommended specimen to collect is a buccal swab, which should be collected as soon as possible (preferably within 3 days of parotitis onset and not after 9 days of parotitis onset) for the best chance of detection of virus. Additional information regarding testing and specimen collection from the State Laboratory of Hygiene can be found at: <http://www.slh.wisc.edu/mumps-testing-guidance/>.

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Be sure to implement control measures before laboratory confirmation is received. Both droplet and standard precautions should be used. Exclude and isolate cases through five

days after the onset of parotids counting the day of onset swelling as day zero, releasing them on day six.

Exposure is considered to have occurred when a person is within three feet of someone with mumps in which either the person (health care provider) or infected person were not wearing a surgical or procedural mask. Exclude susceptible individuals on days 12-25 after contact with a case and monitor for symptoms and continue exclusion/isolation as appropriate. Non-health care workers can be released after receiving one dose of MMR.

Susceptible health care workers with no prior vaccination must be excluded on days 12-25 after contact with a case and monitor for symptoms and continue exclusion/isolation as appropriate. Health care workers with one valid MMR dose can return to work after receiving a second valid MMR dose (administered no sooner than 28 days after the first). Two valid doses of MMR vaccine or serologic proof of immunity is required for proof of immunity for health care workers.

All health care workers should report any signs or symptoms of mumps regardless of immune status and should be excluded and isolated. Symptomatic individuals should not be removed from isolation even after negative test results. Exclude and isolate them through five days after the onset of parotids counting the day of onset swelling as day zero, releasing them on day six.

Further information can be found at

<http://www.dhs.wisconsin.gov/immunization/mumps.htm>

Grant County Health Department would like to thank you for your expertise, efforts, and assistance in promoting and protecting the health of Grant County residents. If you have any questions regarding this matter or if we can be of assistance with any other issues please do not hesitate to contact us at (608) 723-6416.